IAP7 Rec'd PCT/PTO 31 JUL 2006 PTO-1390 (Rev. 07-2005)

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TRA	ANSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER					
DESIGNATED/ELECTED OFFICE (DO/EO/US)			U.S. APP TO A (10 % ) (15 known, see 37 CFR 1.5)				
CON	CERNING A SUBMISSIC	B/60/27/					
	IONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED February 26, 2004				
	L 2005/000 186 NVENTION	February 14, 2005	redicary be, cool				
Ther	MAL to Electrical	Energy Converter					
	T(S) FOR DO/EO/US						
Applicant	herewith submits to the United Sta	ates Designated/Elected Office (DO/E	D/US) the following items and other information:				
		incerning a submission under 35 U.S.C. 37					
2. T	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
з. 🔀 т	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. 🗵 1	he US has been elected (Article 31).						
5.	A copy of the International Application	n as filed (35 U.S.C. 371(c)(2))	File Appl 62 pages AZ publ - 63 pages				
	a. is attached hereto (required	only if not communicated by the Internatio	nal Bureau).				
	b.  has been communicated by	the International Bureau.					
	c. is not required, as the applic	cation was filed in the United States Receiv	ing Office (RO/US).				
6. 🔀	An English language translation of the	e International Application as filed (35 U.S.	C. 371(c)(2)).				
	a. is attached hereto.	•					
	b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7.	Amendments to the claims of the Inte	ernational Application under PCT Article 19	(35 U.S.C. 371(c)(3))				
	a. are attached hereto (required only if not communicated by the International Bureau).						
	b. have been communicated by the International Bureau.						
	c. have not been made; how	ever, the time limit for making such amend	ments has NOT expired.				
	d. have not been made and v	will not be made.	·				
8. 🔲	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
9. 🔀	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (Zpages)						
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).						
Items	11 to 20 below concern document(s	s) or information included:					
11. 🗵	An Information Disclosure Statement under 37 CFR 1.97 and 1.98. (10 pages)						
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
13. 🔲	A preliminary amendment.						
14.	An Application Data Sheet under 37 CFR 1.76.						
15.	A substitute specification.						
16.	A power of attorney and/or change of address letter.						
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.						
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).						
19.	A second copy of the English language	ge translation of the international application	n under 35 U.S.C. 154(d)(4).				

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.			ATTORNEY'S DOCKET NUMBER				
U.S. APPLICATION NO. (if known, sep 37 CFR 1.5)  NIAC 11587 557  PCT IIL 2005/00018 6		x0018€	0-06-168				
Other items or information: Form 308 (1 page), Request (4 pages), Form 304 (1 page); postcard; Form 2038 for \$175 (1 page)							
The following	fees have bee	en submitted			CALCULATIONS	PTO USE ONLY	
21. Sasic national fee (37 CFR 1.492(a))			\$ 300				
22. Examination	n fee (37 CFR	R 1.492(c))					
If the written opinion pre by IPEA/US ind All other situations	licates all clair	\$					
23. Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					\$		
					300		
TOTAL OF 21, 22 and 23 =  Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction RATE thereof (round up to a whole number)							
62 - 100 =	) /50 =		x \$250		\$ 0		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$ 0		
CLAIMS NUMBER FILED		R FILED	NUMBER EXTRA RATE		\$		
Total claims	Z١	- 20 =	1	× \$ 50	\$ 50		
Independent claims	2		0	× \$200	\$ ()		
MULTIPLE DEPENDE	NT CLAIM(S)	(if applicable)		+ \$360	\$ 0		
TOTAL OF ABOVE CALCULATIONS =					\$ 350		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					175		
SUBTOTAL =					\$ 175	<u> </u>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$ 0		
TOTAL NATIONAL FEE =					\$ 175		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$ 0		
		\$ 175					
					Amount to be refunded:	\$	
					Amount to be charged	\$	

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а. 🔲	A check in the amount of \$	to cover the above t	fees is enclosed.					
b. 🔲	Please charge my Deposit Account No.  A duplicate copy of this sheet is enclosed.	_ in the amount of \$	to cover the above fees.					
с. 🗌	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No A duplicate copy of this sheet is enclosed.							
d. 🗵	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
Ke R 4	evin D. McCarthy Seach Brown McCarthy & Gri 20 Main St - 1620 Libert 30 Halo, New York 14202	ty Bldg.	SIGNATURE Kevin D. McCarthy NAME 35, 278 REGISTRATION NUMBER					